

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053124\
 Data File : BF138094.D
 Acq On : 31 May 2024 18:41
 Operator : CG\JU
 Sample : PB161196BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161196BL

Quant Time: Jun 01 01:45:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	130362	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	514193	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	307535	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	582869	20.000	ng	0.00
76) Chrysene-d12	14.233	240	457920	20.000	ng	0.00
86) Perylene-d12	15.798	264	376480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	995242	136.476	ng	0.01
7) Phenol-d6	6.663	99	1209070	128.752	ng	0.00
23) Nitrobenzene-d5	7.598	82	747282	84.685	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	475766	132.628	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1681061	81.027	ng	0.00
79) Terphenyl-d14	13.169	244	2259709	71.380	ng	0.00

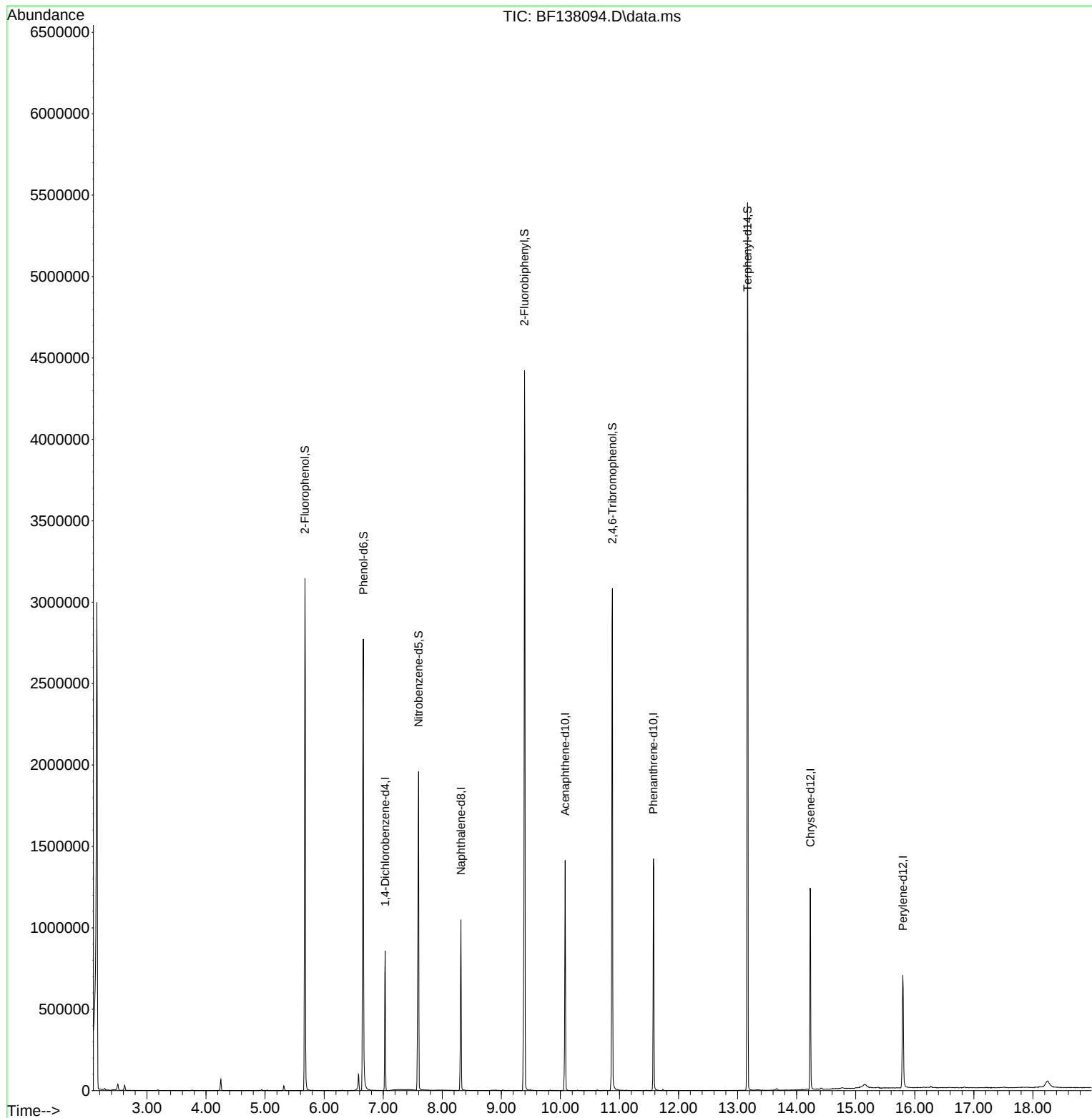
Target Compounds	Qvalue

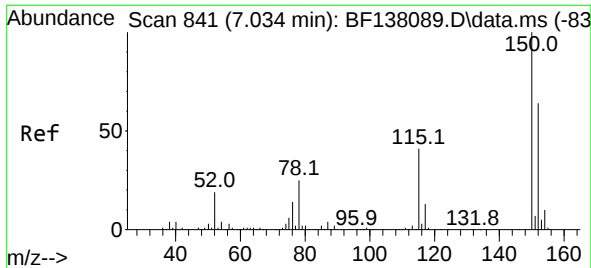
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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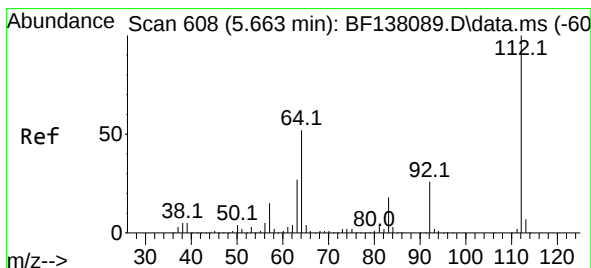
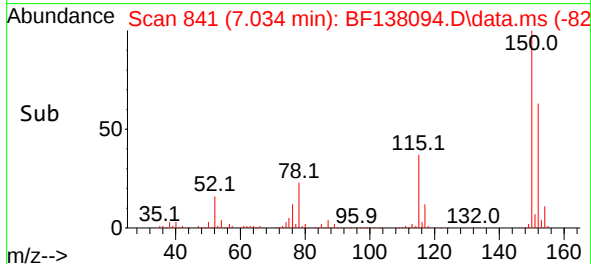
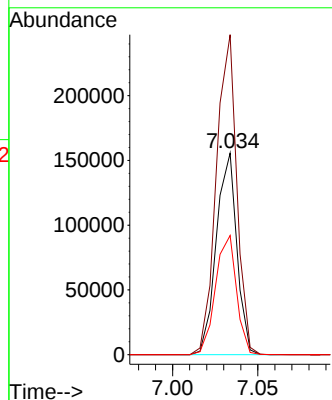
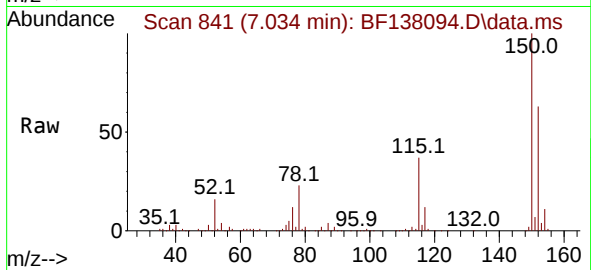




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 841
 Delta R.T. -0.000 min
 Lab File: BF138094.D
 Acq: 31 May 2024 18:41

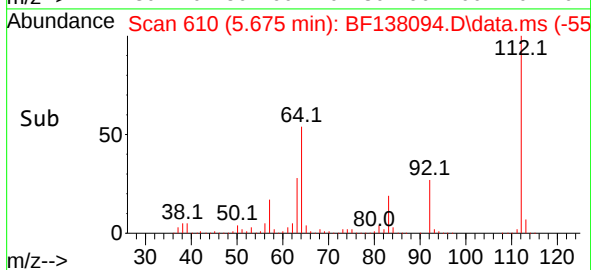
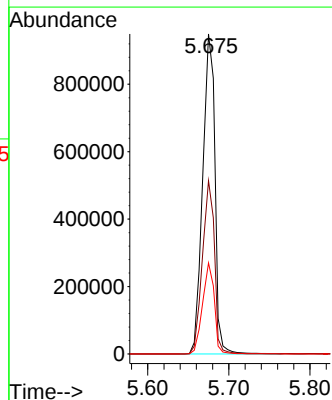
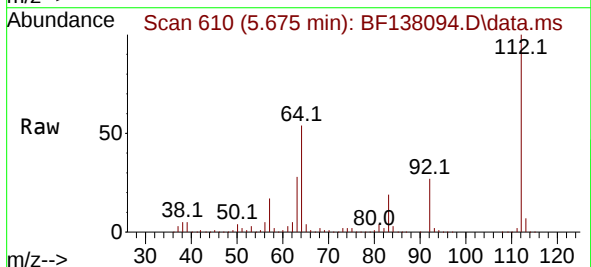
Instrument :
 BNA_F
 ClientSampleId :
 PB161196BL

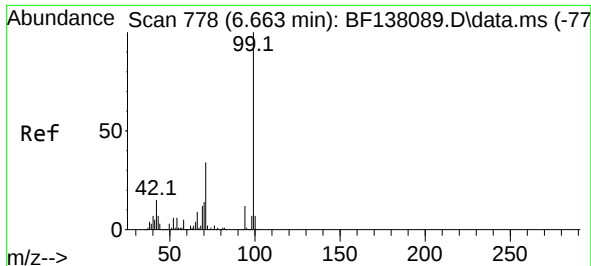
Tgt Ion:152 Resp: 130362
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.4 188.0
 115 59.2 51.6 77.4



#5
 2-Fluorophenol
 Concen: 136.476 ng
 RT: 5.675 min Scan# 610
 Delta R.T. 0.012 min
 Lab File: BF138094.D
 Acq: 31 May 2024 18:41

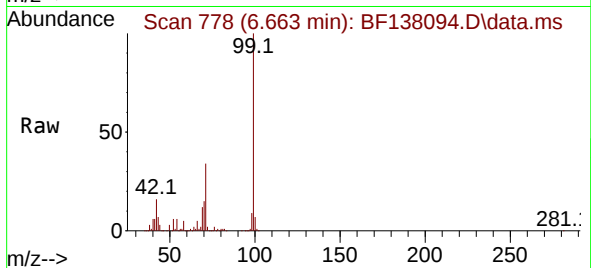
Tgt Ion:112 Resp: 995242
 Ion Ratio Lower Upper
 112 100
 64 54.2 41.4 62.2
 63 28.5 21.5 32.3





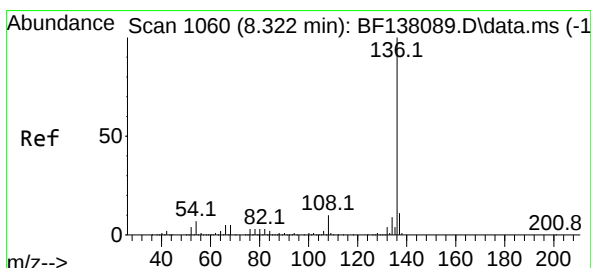
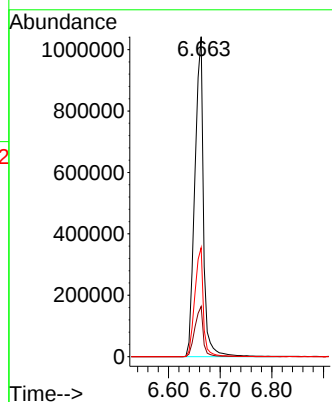
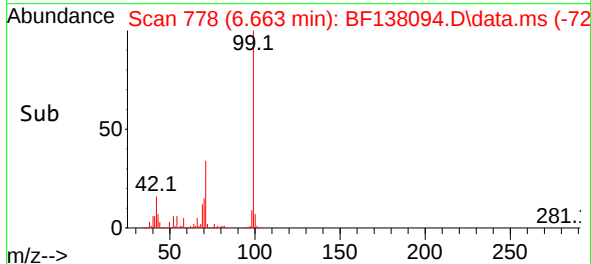
#7
Phenol-d6
Concen: 128.752 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

Instrument :
BNA_F
ClientSampleId :
PB161196BL

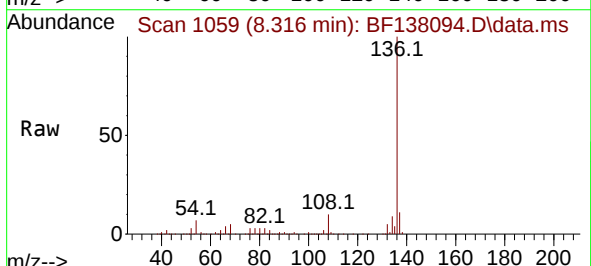


Tgt Ion: 99 Resp: 1209070

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.9	17.9
71	34.1	26.8	40.2

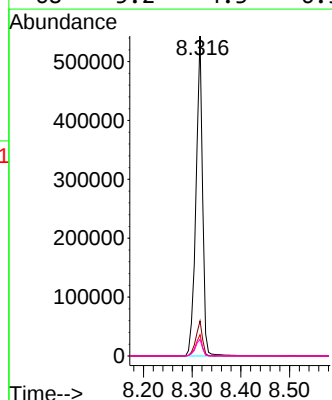
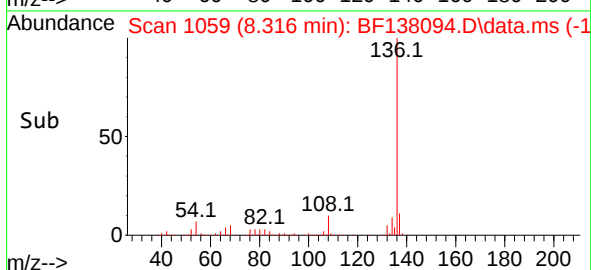


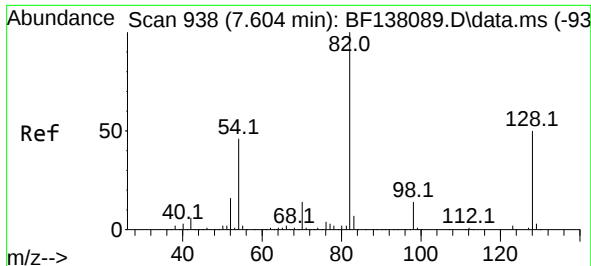
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41



Tgt Ion: 136 Resp: 514193

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	5.4	8.0
68	5.2	4.3	6.5

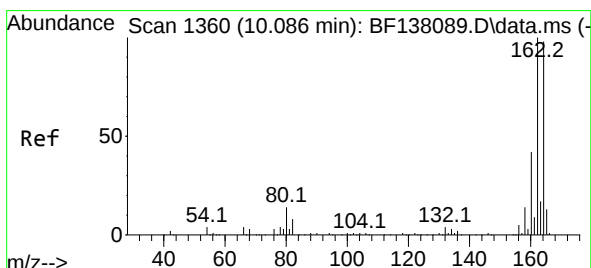
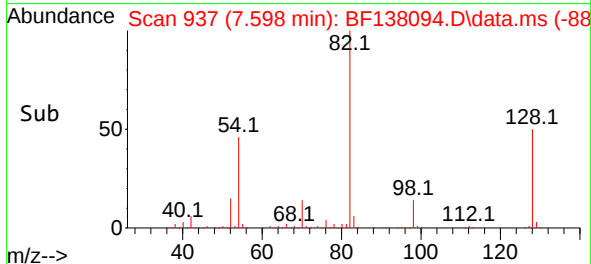
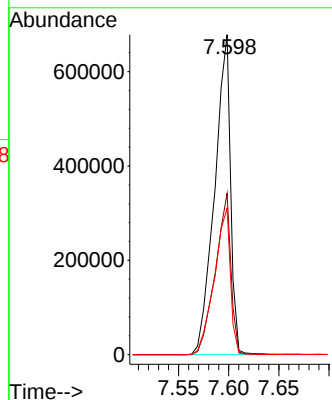
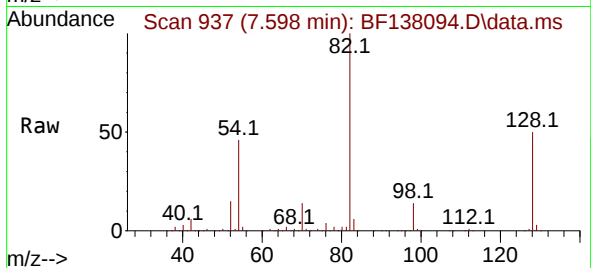




#23
Nitrobenzene-d5
Concen: 84.685 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

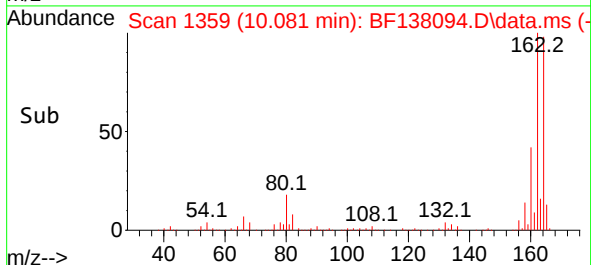
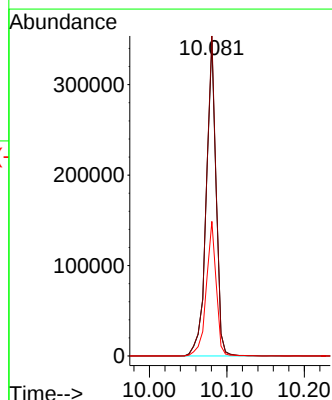
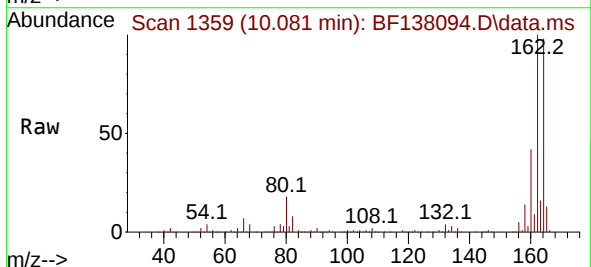
Instrument :
BNA_F
ClientSampleId :
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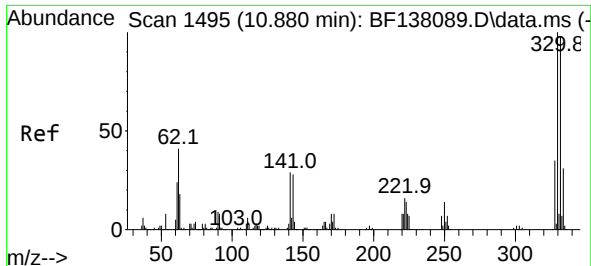
Tgt Ion: 82 Resp: 747282
Ion Ratio Lower Upper
82 100
128 50.4 39.9 59.9
54 45.8 37.0 55.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

Tgt Ion: 164 Resp: 307535
Ion Ratio Lower Upper
164 100
162 102.1 81.7 122.5
160 42.9 34.5 51.7

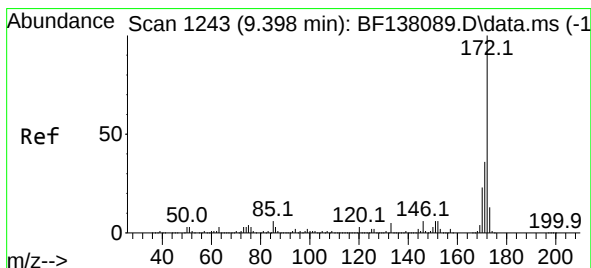
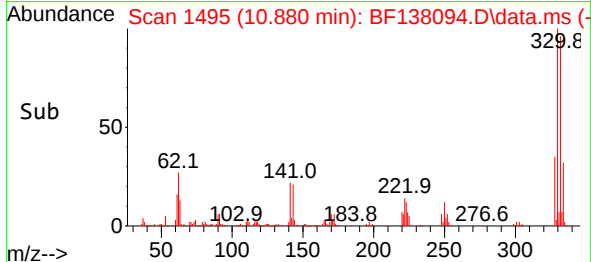
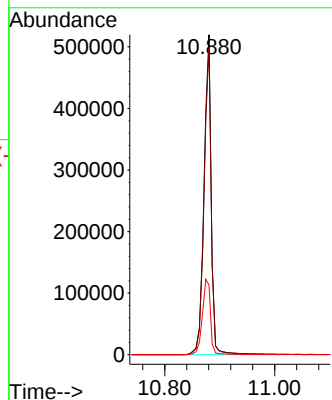
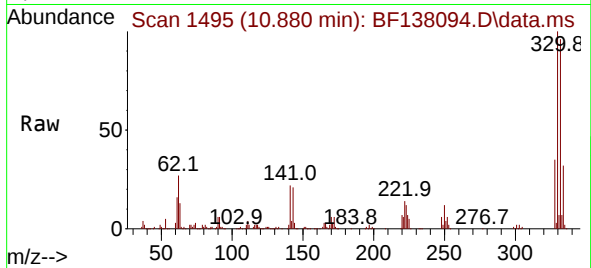




#42
 2,4,6-Tribromophenol
 Concen: 132.628 ng
 RT: 10.880 min Scan# 1495
 Delta R.T. 0.000 min
 Lab File: BF138094.D
 Acq: 31 May 2024 18:41

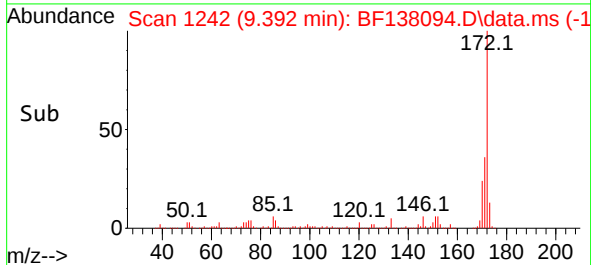
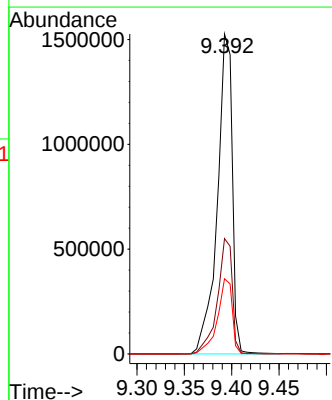
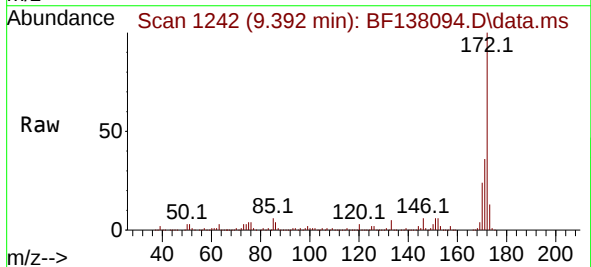
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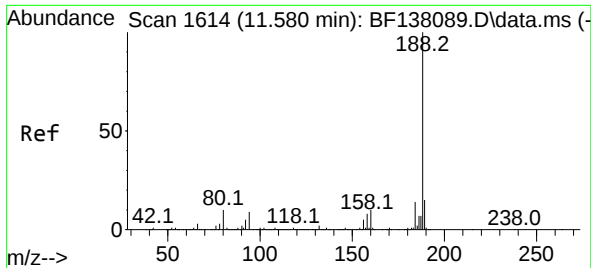
Tgt Ion:330 Resp: 475766
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 26.6 21.4 32.0



#45
 2-Fluorobiphenyl
 Concen: 81.027 ng
 RT: 9.392 min Scan# 1242
 Delta R.T. -0.006 min
 Lab File: BF138094.D
 Acq: 31 May 2024 18:41

Tgt Ion:172 Resp: 1681061
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 23.5 18.6 28.0

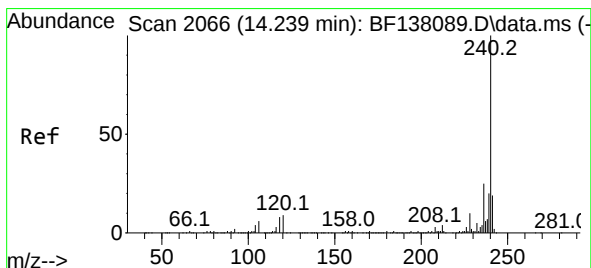
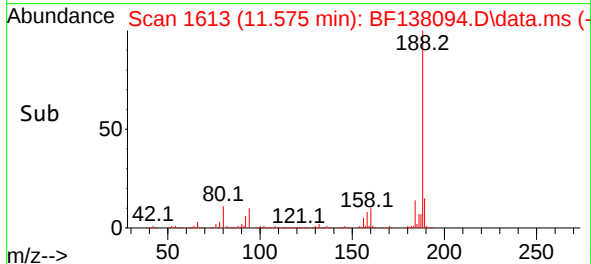
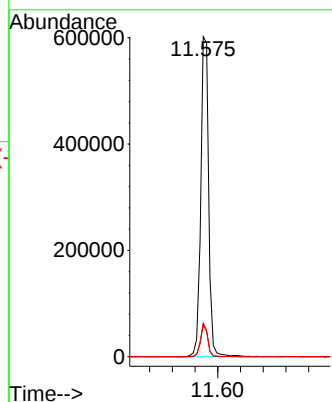
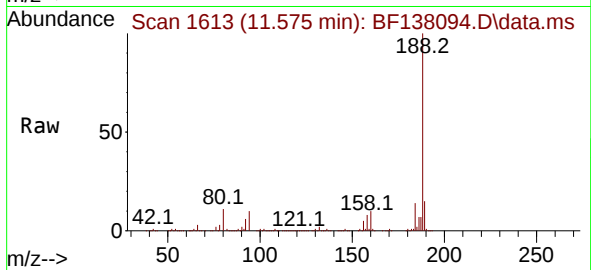




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

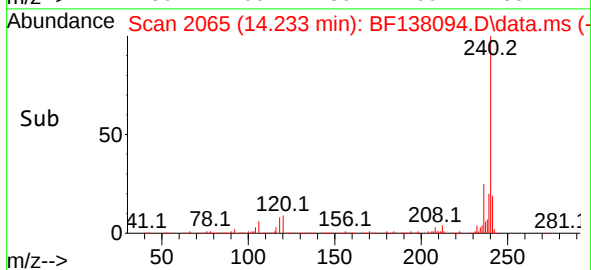
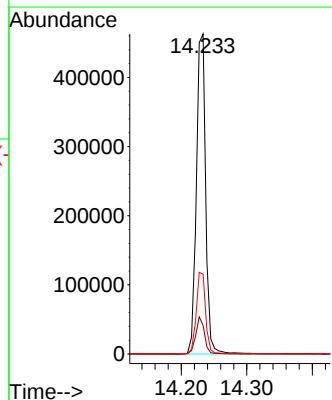
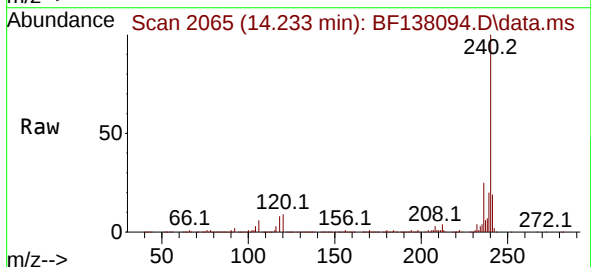
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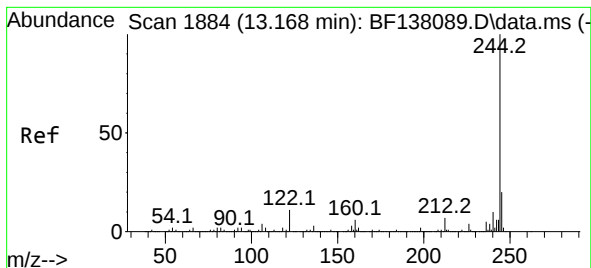
Tgt Ion:188 Resp: 582869
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 10.6 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

Tgt Ion:240 Resp: 457920
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 24.9 20.4 30.6





#79

Terphenyl-d14

Concen: 71.380 ng

RT: 13.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138094.D

Acq: 31 May 2024 18:41

Instrument :

BNA_F

ClientSampleId :

PB161196BL

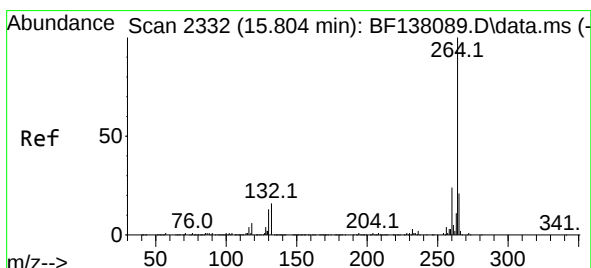
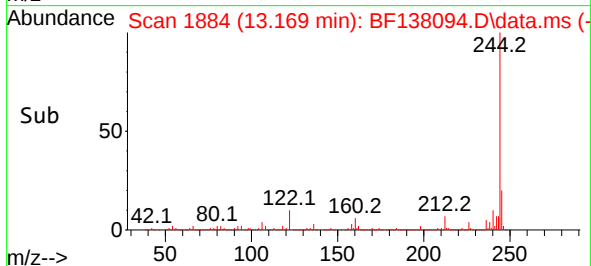
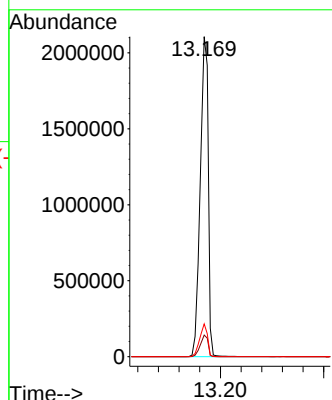
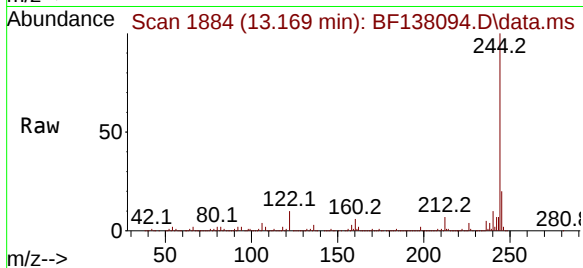
Tgt Ion:244 Resp: 2259709

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.3 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. -0.006 min

Lab File: BF138094.D

Acq: 31 May 2024 18:41

Tgt Ion:264 Resp: 376480

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.1 16.7 25.1

